

June 8.

FEW ARRIVALS, LIGHT CATCHES.

Sch. Ethel B. Penney Ran In- to School of Snapper Cod.

Arrivals at this port today are light, both in number and catch. Sch. Pauline, from a drift Georges trip, has 35,000 pounds of salt cod, showing that the Rippers are not yet finding fish in any good fishing quantity on the bank. Sch. Elva L. Spurling came from Boston with 35,000 pounds of fresh hake and cusk for the splitters, and the halibuting sch. Catherine Burke is also here from the Hub's harbor front, to take out 25,000 pounds of salt cod and a few fresh fish.

During the night, a couple of the little gasoline pollockers shot in, took out a few fish and darted out again. Some vessels, with hake and cusk, are expected down from Boston before the day is over.

Quite a remarkable fare in some ways, was that landed yesterday by the drift codfisherman Ethel B. Penney. Capt. Penney reports fishing to the eastward, and he had little or no pollock and haddock, but an extra large number of small or snappers. The fare weighed out about 43,000 pounds, and for this there were 20,000 fish in count, an unusually large number of fish for a drift trip, and especially for the amount of fish weighed out.

The fare of halibut taken out by sch. Kineo yesterday was "right alive" and halibut experts, who have handled this species for many years, pronounced it one of the handsomest fares, both as regards size, color and freshness that ever came under their observation. The whole fare, 45,000 pounds, was taken on one skate set, once a day, on Brown's bank, it being impossible to run more trawls on account of the tide and depth of water, while with even this short length of gear set, Capt. John Stream and his crew found that one set a day was all they were able to attend to. It must have been a fine spot of fish.

The arrivals and receipts in detail are as follows:

Sch. Pauline, Rips, 35,000 lbs. salt cod.

Sch. Elva L. Spurling, via Boston, 35,000 lbs. fresh fish.

Sch. Catherine Burke, via Boston, 25,000 lbs. salt cod, 5,000 lbs. fresh fish.

Today's Fish Market.

Salt Georges cod, large, \$3.50 per cwt.; medium do., \$3; snapper do., \$1.75.

Bank halibut, 5 cents per lb. right through.

Salt pollock, \$1 per cwt.; salt haddock, \$1; salt hake, \$1.

Large handline Georges cod, \$3.62 1-2 per cwt.; medium do., \$3.12 1-2.

Large drift Georges cod, \$3.30 per cwt.; medium do., \$3.

Large "halibut" cod, \$3 per cwt.; medium do., \$2.75; snappers, \$1.75.

Splitting prices for fresh fish, Western cod, large, \$1.65 per cwt.; medium do., \$1.40; Eastern cod, large, \$1.55; medium do., \$1.30; cusk, \$1.50; for large, \$1.10 for medium and 50c for snappers; haddock, 60c; hake, 60c.

Trawl bank cod, large, \$2.75 per cwt.; medium, \$2.50; snappers, \$1.50.

Salt cusk, large, \$2.50 per cwt.; medium, \$2; snappers, \$1.

Round pollock, 50c per cwt.

Outside sales of drift salt cod, \$3.30 for large, \$2.90 for mediums.

Vessels Sailed.

Sch. Stranger, swordfishing.

Sch. Esther Gray, swordfishing.

Sch. Ellen C. Burke, swordfishing.

Sch. Carrie C., Georges.

Sch. Mooween, halibuting.

Sch. Preceptor, halibuting.

Sch. Rita A. Viator, swordfishing.

Sch. Charles A. Dyer, pollock sailing.

Sch. Ethel B. Penney, Rips.

Harbor Notes.

Sch. Senator Saulsbury is on Burnham's railways.

Sch. Ella G. King is on Parkhurst's railways.

The custom house launch Dreamer is undergoing her annual overhauling on Parkhurst's railways.

June 8.

LIVE FISH IN DEMAND.

Good Prices for Cod and Haddock at Boston.

It is a regular mid-winter market on live goods at T wharf, this morning. The receipts of market fish are light, and the demand is good, causing the cod and haddock prices to soar.

Sch. Alice M. Guthrie has 112,000 pounds, a big fare, but they are about all hake, which are not in great demand. The large ones are selling at \$1, the rest, with the cusk, will go to split. Sch. Catherine and Ellen has 65,000 pounds, about all cod and haddock, and is in for a big stock. The steam trawler Spray has 34,000 pounds, and two shore boats have ordinary fares.

The arrivals in detail were as follows:

Steamer Spray, 25,000 haddock, 4,000 cod, 5,000 hake.

Sch. Catherine and Ellen, 25,000 haddock, 25,000 cod, 15,000 hake.

Sch. Emily Sears, 2,000 haddock, 2,000 cod.

Sch. Aspinet, 11,000 haddock, 1,000 cod, 11,000 hake.

Sch. Alice M. Guthrie, 2,000 cod, 100,000 hake, 10,000 cusk.

Haddock, \$3.50 to \$4 per cwt.; large cod, \$5; market cod, \$3; large hake, \$1.00.

MUNICIPAL FISH HOUSE.

Swampscott the Only Town Where
One is Maintained.

Swampscott is probably the only town in the state that maintains a municipal fish house. When the metropolitan park commissioner took over the shore at Beach Bluff, the part of the town that adjoins Lynn, it saw that something must be done about providing quarters for the fishermen who were camped along the beach. They had been there for generations.

It was their headquarters. From this point they went out in their boats to fish, brought in their catches, cleaned and marketed them there. The fishermen put up a strong protest against being evicted, and it was finally agreed that quarters would be provided for them further up the beach. To this arrangement they consented.

Accordingly, a fine house was built, a combination park and fish house. The town lets to the fishermen at small rent, quarters in the fish house which is maintained by the town and kept in good condition. In this way, the unsightly fishermen's huts were gotten rid of and the promenade along the bluff is one of the best in the entire metropolitan park system of the state.

The fishermen are all of the old native Yankee stock. They are a hardy race, clear-eyed, close in driving a bargain, and good at telling a story. Just now, they say that the fish are not as plentiful as they were a few years ago. Capt. "Joe" Crowell and Capt. "Tanner" Harris both say that fish are like the beasts of the forest, they go where the feeding is best.

Fishing Facts and Fancies.

Ocean City, N. J., fishermen report kingfish in large numbers. The season seems much earlier than usual.

A five foot, six inch silver king tarpon, weighing close on to 70 pounds, was landed at Galveston, Texas, on May 25.

The largest mackerel catch of the season was made at Morehead City, N. C., on May 27, when ten thousand pounds were taken by the fishermen.

According to reports received at Seaside Park, N. J., the 40 or more fish pounds on the New Jersey coast, between Seaside Park and Sandy Hook, were damaged about \$1000 each by recent storms.

Fish shipments from Punto Gorda, Fla., are falling off, owing to the approaching end of the season. For the two weeks ending May 24, only one solid car and 505 barrels, an aggregate of 125,000 pounds, went forward.

A barrel of eels on the steamer Tivoli, bound from Cambridge, Md., broke loose last week, and caused the vessel to lose an hour before she could proceed on her journey. The eels gained freedom through a week-bottomed barrel.

June 8.

It is said that the menhaden fishing steamers will not work on the Cape May coast this summer because they dislike the publicity given their operations in the vicinity of the resorts. They will ply their trade farther north, where they do not attract so much attention.

When the fishing smack Clara tied up at Anglesea, N. J., recently, she landed a dolphin, or herring hog, weighing 500 pounds. It became entangled in a purse net which was being hauled 10 miles out to sea. It struggled for half an hour, and was then killed. While herring hogs are numerous, they are seldom caught.

The few shad fishermen of New Castle, Delaware, who have been prolonging the season because they have no other work in sight and have their nets paid for, will probably continue for several days to come. The fish are now in their prime and of better flavor than at any time during the entire season because they are rich in their oils and firm as beefsteak. Some persons say that the shad were never more firm than those caught today and never brighter or better.

June 9.

NETS BAD FOR CODFISH INDUSTRY.

Would Exterminate Fish but For Artificial Propagation.

Portland Paper Claims They Destroy Spawn Fish.

It was the introduction of nets for taking codfish that threatened the destruction of this industry but it was also the introduction of those nets that made it possible for the United States Fish Commission to artificially propagate the young cod, or to save the spawn for artificial hatching, says an article in the Portland Argus.

It is probable that if the fishermen had stuck to trawls and hand lines that there would never have been any need for artificial hatching, for few spawn bearing fish would be caught. On the other hand there may be some benefit in saving these spawn when very young and helpless, from the mouths of other fish that feed on them, and perhaps after all the nets are a blessing.

Anyway so long as nets are used, the government will be obliged to maintain hatching stations and spawn boats for the collection of the seed. If this is not done it would be a question of but a few years when there would be no cod along the shores and the supply for the local market would have to come from the several banks a considerable distance off shore. The employment of the shore fishermen, the business which gives independent employment to so many of the men of the coast towns with their little boats driven by gasoline engines, would soon be destroyed. For codfish that are heavy with spawn seldom bite at a hook and for this reason the spawn months were dull months for the fishermen.

About five years ago nets began to be used in Maine waters. They had been used previously to this in Massachusetts waters and first on the Great Lakes. The fishermen using them have been successful from the start, during the spawning time, which is from February to about the middle of April. The female cod are then heavy and loggy and pay no attention to the most attractive bait. But they do not know enough to keep away from the net.

These nets are made on the same principle as the gill net, though they are not exactly the same. There are several points of difference. The ordinary gill net, known about this part of the country, is the drag net used in catching mackerel. The mesh is just large enough to allow a mackerel to push his head through when he swims with thousands of his kind just under the surface of the water with the tide. Once his head enters the mesh his gills become entangled and he cannot withdraw and is held until released by the fishermen.

These Nets Are Set On the Surface

and across the tide, that is, the top of the net floats, while the bottom is held down by sinkers. The cod net does not hold the cod by the gills but by the bones that protrude at each corner of the mouth. The nets are set on the bottom and instead of across the tide, are set with it. The mesh is from nine to ten inches.

A couple of fishermen with another man to jog the boat along while they are setting and hauling nets, will handle 40 nets set four in a string. These nets are about 150 feet long. Strung along the top of the nets are a number of glass air tight balls and along the bottom lead sinkers or weights of other material to keep the net perpendicular in the water. The cod in swimming about over their feeding ground become entangled in these nets and are captured. By far the larger number of fish caught in these nets in the spring are heavy with spawn.

Trawlers who have set their lines over and around the nets have been rewarded with but few fish, very seldom, during this period of spawning, with enough to pay them for the bait they use, while the netters have reaped a harvest of big fish. One old fisherman said recently: "One day in March we set trawls all around the nets of another schooner and while we got 11 fish the netter took 5000 pounds and most of the cod taken by the netter were full of spawn. This will give you some idea of what would happen to codfishing along the shore if the United States Government did not collect this spawn and hatch it at the station at Boothbay."

During the time the netters fish in the winter and spring months the fish commission steamer Gannett pays daily visits to the fleet off the shore and collects the eggs. The Gannett, which was formerly the steam yacht Carita, owned by the late A. H. Davenport of Boston, is employed on the coast of Maine all the year collecting seed lobsters. That is her principal business, but lobsters become a secondary consideration when the fleet of small boats from Portland are hauling in the female cod from the fishing grounds off Cape Elizabeth or off Seguin. Every day the steamer visits the fleet and after gathering all the spawn possible sails with it to the hatchery at Boothbay where it is scientifically cared for until the young

Cod Grow Large Enough to Care for Themselves

when they are liberated on the grounds. The Gannett carries a crew of seven or eight men and when the fishermen begin hauling their nets, these men are distributed with them in the dories. As fast as fish with spawn are taken in into the little craft the man from the Gannett, relieves it of the mass of eggs, which are allowed to run out into the bottom of the dory. When the catch has been cleaned up these eggs are bailed into cans aboard the steamer and when every boat in the fleet has been visited the steamer carries its catch of eggs to the hatchery. Before the hatchery at Boothbay was established all the spawn taken with fish on the Maine coast was lost, but, until nets were used there were not so many spawn fish taken. The government has spent thousands of dollars on the hatchery at Boothbay and has succeeded in interesting the fishermen in its work. In fact, the fishermen look upon the work being done as necessary and instead of hampering the employees of the fish commission as was done when the government first interested itself in gathering seed lobsters, are doing all they can to help. Much of this good feeling is the result of the tactful manner in which Captain George Greenleaf of the Gannett approaches the fishermen. He has made them understand the value of the work that is being done and has convinced them that it is for their interest to help him. So closely do they work together that a man from the Gannett often goes aboard a fishing sloop and jogs her while the men are out hauling the nets. This is done only when a craft is short handed; but it has been done and has been one of the means employed to show the fishermen that the government is working for their interest.

TWO FARES OF MACKEREL AT BOSTON FROM CAPE SHORE.

Schs. Judique and Speculator Brought Their trips in Ice.

Several Others of the Fleet Took Fish and Salted.

The first Cape Shore mackerel trips are home. Schs. Speculator and Judique are at T wharf, Boston, today with big fares, all fresh mackerel, and taken off Liverpool, N. S. Saturday afternoon, thus confirming the correctness of the Times dispatch of Saturday night and yesterday afternoon. Both crafts will hustle their fish out as quickly as possible, take in grub and ice and hustle back to the Cape Shore in an attempt to do what has never been done before, make two spring mackerel trips from that ground in one season.

Today's mackerel story, in a nutshell is as follows:

Cape Shore Trips at Boston.

Sch. Speculator, Capt. Rufus McKay, 45,000 fresh mackerel, 20 barrels salt mackerel.

Sch. Judique, Capt. Gourley Anderson, 35,000 fresh mackerel, 9 1-2 barrels salt mackerel.

Cape Shore Trips at Halifax.

Halifax sch. Monica Thomas, 28,000 fresh mackerel.

Reported in on Cape Shore with Catches.

Sch. Priscilla Smith, at Canso, 350 barrels salt mackerel.

Sch. Constellation, at Whitehead, 150 barrels salt mackerel.

Sch. Benjamin A. Smith, at Whitehead, 50 barrels salt mackerel.

Netters at Newport.

The following netters were at Newport yesterday:

Sch. Lillian, 800 fresh mackerel.

Sch. Hester, 600 fresh mackerel.

Sch. Jennie Maud, 500 fresh mackerel.

Sch. Sabine, 600 fresh mackerel.

Sch. City of Everett, 150 fresh mackerel.

Netters at New Bedford.

Sloop Commodore, three barrels fresh mackerel.

Sloop Vivian, one barrel fresh mackerel.

Sloop Crescent on barrel fresh mackerel.

Sch. Mildred and Blanche, one barrel fresh mackerel.

Latest Mackerel Intelligence.

Mackerel schooling yesterday off Liverpool and Halifax, 30 sail taking fish off the latter place.

Weather blowy out south yesterday and only a few netters set Monday night.

Few netting arrivals expected today at Newport and New Bedford.

The Cape Shore Story in Detail.

Ever since the Times dispatch that five vessels had made good hauls off Liverpool, N. S., Saturday and that some were filling up, the advent of a Cape Shore seiner, with a big fare has been expected and eagerly awaited. Yesterday the Dominion Fisheries Intelligence Bureau, with headquarters at Halifax, put out among its other mackerel information the word that sch. Speculator had secured a full trip off Liverpool and was on her way home. The vessel was not far behind the dispatch for she reached T wharf during the night, as also did the Judique.

Capt. Rufus McKay of the Speculator hails his fare for 45,000 fresh mackerel in count and 20 barrels of salt mackerel.

Capt. Gourley Anderson of the Judique reports his catch as 35,000 fresh mackerel in count and 9 1-2 barrels of salt mackerel.

This morning, the two skippers were the magnet which attracted all the buyers and the bidding for the fish was brisk. Capt. McKay sold his fare at 15 cents per fish, but Capt. Anderson held off a little longer and got a raise of half a cent.

These are considered fine prices, especially as the fish are reported to be about all large two pound mediums. The first fare last year, that of sch. Monarch sold her catch at 7 1-2 cents each for mediums and 13 1-2 cents each for large. The first trip last year, was landed June 6, so the first arrivals this season are but three days behind the 1908 record.

The captains report that when they got their fish off Western Head there were eight vessels in the fleet and a lot of fish showing. Beside the vessels in, the crafts there were schs. Marguerite Haskins, Oriole, Priscilla Smith, Harmony, Hattie M. Graham, Effie M. Prior. All took fish, how many the captains could not say but thought that all got from 100 to 150 salt barrels. All the crafts except the Judique and Speculator salted their catches. These two vessels after looking after their big hauls and icing them down in good shape, started for market and kept along together all the way.

Both vessels have certainly struck a fine market and will get big stocks and being so early and the schools being so far to the westward, have a chance, a good chance of bringing home another big haul from the Cape Shore before the fish get by.

A Boston Fish Bureau dispatch gives the good news that mackerel were schooling off Halifax and that yesterday 30 sail of the American seining fleet were taking fish. This news was brought into Halifax by the seiner Monica Thomas, of that port, which came in with 28,000 fresh mackerel, taken that day off there.

A Dominion Fisheries Intelligence bureau dispatch of yesterday reports mackerel still schooling off Liverpool, also that sch. Priscilla Smith of this port was at Canso with 350 barrels of salt mackerel on board.

Sch. Constellation, with 150 barrels of salt mackerel and sch. Benjamin A. Smith with 50 barrels of salt mackerel, were at Whitehead, N. S., yesterday.

Catches and Prices in Previous Years.

Now that the Cape Shore season is fairly opened, two trips being home and half of the fleet reported taking more or less fish off Halifax, N. S., a resume of the Cape Shore seasons for the past five years will be of interest and value.

The Cape shore fleet of 1908 comprised 63 sail and brought home 13,963 barrels of salt mackerel and 6930 barrels of fresh mackerel. Of the whole fleet, 30 sail had fresh fish in addition to their salted catch. The market opened at \$10 per barrel for salt mackerel, then went \$9. Late sales were made at \$9.37 1-2, \$9.35, \$9.50 and the last fare of the season brought \$9.

The Cape Shore fleet of 1907 comprised 52 vessels, some of which left before the season was over, so that only 40 took fares. The catch aggregated 10,702 barrels of salt mackerel and 3080 barrels of fresh mackerel. The first salt fare brought \$11 per barrel, which was practically the price for the whole catch. Two fares brought \$11.75 and two \$12, the season closing on the latter figure.

The Cape Shore fleet of 1906 comprised 70 sail, one of the largest fleets in recent years. It landed 4348 barrels of salt mackerel and 1360 barrels of fresh mackerel, the season thus being a great failure. The first fare of salt fish brought \$12 per barrel, and all others sold at \$13. Fares were few and small.

The Cape Shore fleet of 1905 comprised 57 vessels and brought home 14,100 barrels of salt mackerel and 3355 barrels of fresh mackerel. The first salt fare sold for \$10 per barrel and later the fish went to \$10.12 1-2, then to \$9.50 and \$9.75, then jumped to \$11. After that the price varied between \$9.75 and \$11 and the season closed on a \$10.62 1-2 sale.

The Cape Shore fleet of 1904 was very small, comprising but 26 sail, which landed 8800 barrels of salt mackerel and 2990 barrels of fresh mackerel. The season opened with quotation on salt fish at \$9 per barrel, dropped on a few trips to \$8.75 and went back to \$9 and last sales were at \$10.

General Mackerel News.

Today's Dominion Fisheries Intelligence bureau states that its report of sch. Priscilla Smith being at Canso, N. S., with 350 barrels of salt mackerel, was incorrect, and that while the craft has that amount of fish all right, the fish are iced and not salted and the craft was in Liverpool, N. S., Tuesday, instead of being at Canso.

Some hundreds of mackerel were taken in the nets at Prospect Sunday and Monday. Incoming vessels at Halifax report about 30 sail of Massachusetts seiners off the harbor, and that they were in among schools of mackerel south of Devil's Island Sunday evening and Monday, many of them apparently making hauls.

The trap at Clark's harbor, N. S., took 200 barrels of mackerel on Monday and another setting will be made before the steamer Coast Guard takes the catch up to Yarmouth to be shipped to Boston.

Fishing Fleet Movements.

Sch. Cavalier of this port, passed north by Mulgrave, N. S., last Saturday.

Sch. Norma of this port, one of the dory handline fleet, was at Liverpool, N. S., Saturday.

Fine Stock and Share.

Sch. Kineo, Capt. John G. Stream, stocked \$2340 as the result of her recent 19 days halibut trip, the crew sharing \$70.94.

Bait.

Five hundred barrels of large herring are reported in the traps at Monomoy.

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Schs. Speculator, Hattie M. Graham and Priscilla Smith were at Liverpool, N. S., Friday and cleared.

Capt. Jacob P. Barrett of the mackerel netting sch. Marguerite of this port, came home Monday for medical treatment, suffering from a severe rheumatic attack. His brother, Capt. John Barrett, of sch. N. A. Rowe, accompanied him home, and will return today to rejoin his vessel. During Capt. Barrett's enforced stay ashore, one of the crew of the Marguerite will go out in command of her.

The trap at Bacarro, N. S., had 100 barrels of fresh mackerel Monday.

At Gaharna, N. S., on Monday, 6000 mackerel were taken.

Mackerel were reported plenty at Whitehead, Salmon River, Canso and Lunenburg and schooling off Liverpool, N. S.

Blowzy weather has hampered the netters this week. Only a few small fares reached Newport and New Bedford yesterday. It blowed so hard Monday night that but few were able to set their strings.

June 9.

THREE ARRIVALS FROM BOSTON.

Extent of Fishing Arrivals at This Port Today.

Dull music is the report here this morning in the fish line, but the fish folks can bear the strains of the mackerel band playing at Boston and all along the Cape Shore and it falls so pleasantly on their ears that they are scarcely taking any notice of the fact that there were only three fishing arrivals here and all of these from Boston with hake and cusk to split. Sch. Alice M. Guthrie has 70,000 pounds, sch. Mary Edith 30,000 pounds and sch. Teresa and Alice, 18,000 pounds of the same kind of fish.

The harbor today is remarkably clear of vessels. Outside of five craft which are hauled up there are but 17 fishing vessels in port and by tomorrow, even this small number will be decreased.

The crafts in port are schs. Teresa and Alice, here to fix up, sch. Sadie M. Nunan, here to have a gasoline engine installed; sch. Thalia, fitting for Rips fishing, schs. Catherine D. Enos, Elva L. Spurling, Catherine Burke, Dictator, Kineo, Pauline, Senator Saulsbury, Yankee, Ella G. King, Hope, Alice M. Guthrie, Senator, Mary Edith and Margaret, the latter fitting for flitched halibuting.

The Fares in Detail.

Sch. Teresa and Alice, via Boston, 18,000 lbs. fresh fish.

Sch. Mary Edith, via Boston, 30,000 lbs. fresh fish.

Sch. Alice M. Guthrie, via Boston, 70,000 lbs. fresh fish.

Vessels Sailed.

Sch. Niagara, halibuting.
Sch. Agnes, halibuting.
Sch. Yakima, halibuting.
Sch. Cecil H. Low, Georges.
Sch. Monitor, halibuting.
Sch. Robert and Carr, pollock sein-ing.

Sch. Volant, Rips.

Sch. Thalia, Rips.

Today's Fish Market.

Salt Georges cod, large, \$3.50 per cwt.; medium do., \$3; snapper do., \$1.75.

Bank halibut, 5 cents per lb. right through.

Salt pollock, \$1 per cwt.; salt haddock, \$1; salt hake, \$1.

Large handline Georges cod, \$3.62 1-2 per cwt.; medium do., \$3.12 1-2.

Large drift Georges cod, \$3.30 per cwt.; medium do., \$3.

Large "halibut" cod, \$3 per cwt.; medium do., \$2.75; snappers, \$1.75.

Splitting prices for fresh fish, Western cod, large, \$1.65 per cwt.; medium do., \$1.40; Eastern cod, large, \$1.55; medium do., \$1.30; cusk, \$1.50; for large, \$1.10 for medium and 50c for snappers; haddock, 60c; hake, 60c.

Trawl bank cod, large, \$2.75 per cwt.; medium, \$2.50; snappers, \$1.50.

Salt cusk, large, \$2.50 per cwt.; medium, \$2; snappers, \$1.

Round pollock, 50c per cwt.

Outside sales of drift salt cod, \$3.30 for large, \$2.90 for mediums.

Fishing Facts and Fancies.

A four-inch catfish was forced through a fire plug in Springfield, Ill., last week. There is no knowledge of how long the fish was in the water main before being forced. It died as a result of its fall from the pump.

A dog at Petersburg, Ind., caught a 26-pound catfish last week. Two men had been throwing sticks into the White river and the dog was bringing the pieces of wood back to land. On one of the trips the dog began to act strangely while in the water. There was a long struggle which ended in the dog bringing the big catfish to the shore.

Carp, dogfish, garfish and ciscoes are the only kind that may be taken in the Michigan lakes, and then only in the presence of a game warden. Net fishing is prohibited in the Saginaw river.

Never before since commercial fishing was established at Marquette, Mich., have fewer whitefish been taken than this spring. The catch has been steadily waning for some years and it has been light the last two or three seasons. This year so few whitefish are being netted that there has been occasioned fear that the waters of Lake Superior have been denuded of this species of fish. Lake trout are about as plentiful as last year, but whitefish are so scarce that on most trips of the tugs none are brought in. White fish from other waters are now being imported to supply the home demand.

On Memorial Day, fishermen in Bald Eagle Lake, Minn., were taxed 25 cents for every fish caught. It was "tag day" for the Bald Eagle Union chapel. The tax was levied by the members of the Ladies' Aid Society.

Sea water is full of little plants, so small that they cannot be seen without a magnifying glass. These plants live on the salts and gases in the ocean, and countless small shellfish feed on the plants, and little fish and some of the big ones feed on the shellfish.

June fish are now abundant in Galveston Bay. Five of them were caught on May 20. There is considerable of a demand for them in the Houston restaurants.

Spanish mackerel, redfish and pompano, are reported as being plentiful in Galveston bay.

A. Booth & Co., of Baltimore, Md., had a 7000 pound porpoise at their fish house last week.

Delaware fishermen have been making some good catches of sturgeon during the past week, but the fishermen say that unless the government and the state take some action relative to propagating the fish, it will be only a few years before they are extinct.

A rockfish weighing 48 pounds, was taken at Oxford, Md., a few days ago and sent to F. C. Mammele, of Wilmington, Del.

The Board of Trade, of Norfolk, Va., is investigating the cause of the scarcity of food fish. Recently members of the board, as guests of Fisheries Commissioner Lee, made a trip through the fishing grounds of Chesapeake Bay and its tributaries.

Nova Scotia Fish Movements.

June 5.—Yarmouth—Cod, haddock and halibut plenty; few barrels alewives in traps; mackerel scarce.

Port La Tour—Cod fair; 1000 mackerel in West Baccaro trap.

Lockport—Cod fair inshore; scarce offshore; best boat 18 tubs.

Liverpool—Cod and haddock plenty; halibut herring and halibut fair; mackerel reported schooling off this port.

Lunenburg—Cod fair; boats average 50 mackerel; few herring.

Musquodoboit—Cod and lobsters fair.

Spry Bay—Cod fair; few mackerel reported.

Salmon River—Trout plenty; herring, lobsters and salmon fair.

Isaac's Harbor—Lobsters fair; few cod, herring and mackerel.

Whitehead—Boats report from 100 to 300 mackerel; herring scarce.

Arichat—Haddock fair; mackerel scarce.

Louisburg—Lobsters fair; about 50 mackerel taken in nets.

Petit-de-Grat—One boat reported 400 mackerel.

MARKET FISH IN DEMAND.

Divide Attention of Boston Dealers With Mackerel.

T wharf is a lively place this morning with two fine trips of fresh Cape Shore mackerel in, the first fares of the season from that place, and the dealers are all hustling to get their share. Beside this, haddock and cod are in big demand and there are only seven market fares at the wharf from which to fill orders. In consequence of this, these fish are way up in price and the vessels there will make fine stocks on what fish they have.

Sch. Helen B. Thomas is high with 68,000 pounds, nearly all of which are hake and cusk, for which there is little demand.

Sch. Regina has 67,000 pounds, half hake and cusk, and will do well on her market fish.

Sch. Mary E. Silveira and Mary E. Cooney with 30,000 pound fares are in for big stocks.

Sch. Leo has 53,000 pounds, with but few market fish in the lot. Sch. Boyd and Leeds has a small drift trip, 13,000 pounds.

Reports from the Cape Shore kept the dealers at T wharf on edge yesterday morning. Most of the large quantity of mackerel received at Boston Monday by steamer and rail had been sold, and there were only 15 barrels of new mackerel reported coming to market.

Naturally the dealers looked to the Cape Shore seiners and traps for a fresh supply. The report that the seiner Speculator had started for home with a full fare Monday kept everyone interested in fish alive, and there was a standing committee looking down the harbor all the time. Every vessel coming up the harbor was scrutinized, and opera glasses and telescopes were pointed east all the morning. The unfortunate thing about the despatch was its indefiniteness. It did not say whether the full fare was salt or fresh fish, and the dealers could do nothing but speculate while waiting for the appearance of the seiner, which will come here if her trip is fresh fish, or go to Gloucester should she only have salt mackerel.

The arrivals in detail this morning are:

Boston Receipts.

Sch. Regina, 10,000 haddock, 20,000 cod, 30,000 hake, 7000 cusk.

Sch. Leo, 4500 haddock, 4500 cod, 40,000 hake, 5000 cusk.

Sch. Mary E. Silveira, 22,000 cod, 3000 hake, 2000 cusk.

Sch. Mary E. Cooney, 25,000 haddock, 5000 cod.

Sch. Elizabeth W. Nunan, 2500 haddock, 5000 cod, 30,000 hake, 6000 cusk.

Sch. Speculator, 45,000 fresh mackerel and 20 bbls. salt mackerel.

Sch. Judique, 35,000 fresh mackerel and 10 bbls. salt mackerel.

Sch. Boyd and Leeds, 3000 haddock, 10,000 cod.

Sch. Helen B. Thomas, 3000 cod, 60,000 hake, 5000 cusk.

Haddock, \$4.50 to \$5 per cwt.; large cod, \$5 to \$6; market cod, \$3 to \$4; large hake, \$1.

Portland Fish Notes.

Half a dozen of the vessels engaged in the fish business raced into port Monday with about 20,000 pounds of mixed fish. This was needed, as the market was about depleted and all the fares were purchased without delay. It was reported that a number of the members of the local fishing fleet were at the grounds and several of them are expected to arrive today. The fish are none too abundant at present, but an improvement is looked for. Among the arrivals were the sloop Crusader with 5000 pounds, the Inverness with 4000 and the Laconia with 4500 pounds of mixed.

The fishing sloop Defender met with a queer accident Monday forenoon which will put her out of business for several days. She was backing under the hoisting gear at the J. W. Trefethen Co. sheds on the east side of Commercial wharf when her motor suddenly gave out and she bumped very heavily against the piling, breaking taffrail, counter timbers, fashion piece, etc., her damage being estimated at about \$150. She was taken around to Central wharf and Master Coombs started in at once on the work of repairs.

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Alick Babbie, the fisherman who was taken to the Marine Hospital on Friday last after falling down the hold of the sch. Oakley C. Curtis, was hurt more severely than at first supposed, having been injured internally. The hospital surgeons, however, are confident that he will recover.

The fishing sch. Ella M. Doughty, which was recently ashore at LeHave Harbor, N. S., arrived in port Monday afternoon. The vessel sustained some damage to her bottom while ashore and is leaking somewhat, the leak, however, being easily managed by her pumps. She is to haul out the marine railway for examination and repairs, which it is thought will not have to be very extensive.

Menhaden Steamers Busy.

The Wilcox fleet of Menhaden steamers, landing at Mystic, Conn., had a pretty busy week, ending Saturday. In all, a total of over a million of bonyfish were brought in to the fish works to be made into fertilizer. On Saturday, the Annie L. came in with 200,000, and the Leander had about 300,000. Steamer Luce Brothers will continue the trap fishing down past Watch Hill until the first of July.

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MACKEREL SCHOOLING OUT SOUTH.

TWO SEINERS FROM CAPE SHORE YESTERDAY MADE GOOD STOCKS.

Netters Around Newport and New Bedford Have Bad Weather.

The United States fish commission sch. Grampus put in at Woods Hole yesterday and Capt. Jerry E. Cook, mackerel expert on board, reports that on Tuesday morning, 25 miles southwest of Block island, saw several schools of mackerel, which were travelling in an easterly direction.

Capt. Cook also reports that menhaden are very plenty from 25 miles off, to well inside Block island, and that two of the netting fleet lost all their nets off Gray Head by being sunk by the weight of menhaden in them.

On Tuesday it blew fresh from the southeast.

No farther reports of the taking of schools by any of the seiners on the Cape Shore has come to hand and word of what the seiners did off Halifax Tuesday is anxiously awaited.

Some of the netters out south report that they have found in their nets quite a few of small one half pound mackerel such as were taken recently in the traps on the Maine coast. There were not many of them, and what there were were just caught by the gills in the meshes.

The Cape Shore mackerel landed at Boston yesterday were of the same quality as those coming from there the past few years, the run, in size, being a little smaller if anything and the fish would go about 150 count to the salted barrel.

Sch. Judique counted out 24,000 fresh mackerel at Boston yesterday as the result of her Cape Shore trip.

Sch. Judique came from Boston during the night with her ice in. She will take on stores and hurry back to the Cape Shore for another trip, and may go today although the wind is to the eastward.

Sch. Speculator did not get her fish out at T wharf until very late yesterday afternoon. It is Capt. McKay's intention to go back to the Cape Shore direct, without coming in here.

Sch. Judique's Good Luck.

It seems odd indeed that sch. Judique, which at one time did not seem to have even a look in for a chance to fish on the Cape Shore this season, should have won the honor of taking the first school and also of being the very first of the fleet home with a fare. It will be remembered that schs. Judique and Lena and Maud were both driven ashore, high and dry during the big gale, during the latter part of May. They were so high on the flats that one could walk around them at low water and sch. Judique was 200 feet farther up on the flats than sch. Lena and Maud.

June 10

Capt. William H. Collins went down for the insurance company, got a big dredger and dug out a channel to both and got them out. This was night and day work, and at the start it seemed as though both crafts must stay there for a long time and hear of the Cape Shore fleet filling up, without having a chance to wet their own seines. Night and day work with the dredger and then the same hours in putting back ballast and ice house, stores, etc., had its effect however.

The Lena and Maud was first floated, but it was June 2 before the Judique sailed out of Liverpool harbor, every man from the skipper down with blood in his eye and anxious to get at the mackerel they thought they had missed.

The very day they went out they found fish off Liverpool and got a small haul and then learned that it was the first take by a seiner of the season. With seven others of the fleet Capt. Anderson kept hanging around Liverpool and last Saturday afternoon he got his reward, for the fish came up in great shape and he got more than his share, iced them, and in company with sch. Speculator, started for market. The Judique arrived first, thus capturing the double honors of first catch and first arrival.

One never can tell what's going to happen in fishing and nobody would ever have dreamed that the Judique, ashore high and dry in Liverpool harbor and the time for the fish to strike being ripe, would be the first to take and the first to land a fare of mackerel.

Sch. Judique will stock about \$4500 on her Cape Shore mackerel fare at T wharf yesterday.

Netters at New Bedford.

The following netters were at New Bedford yesterday:

Sloop Frank Butler, 900 fresh mackerel.

Sloop Mildred, 900 fresh mackerel.

Sloop Priscilla, 900 fresh mackerel.

Sloop Little Jennie, 179 fresh mackerel.

Sloop Torpedo, 212 fresh mackerel.

Sloop Nancy, 138 fresh mackerel.

Sloop Lewis Warren, 37 fresh mackerel.

Sloop Bessie, 50 fresh mackerel.

Sloop Barbara, 106 fresh mackerel.

Sloop Active, 30 fresh mackerel.

Sch. Speculator Stocked \$6000.

Sch. Speculator counted out 39,000 fresh mackerel at Boston yesterday and her 20 barrels of salt mackerel sold to the Knowles-Freeman Fish Company for the lump sum of \$200, so that she stands to stock about \$6000.

Capt. McKay hustled on board ice and stores yesterday afternoon and sailed again for the Cape Shore last night.

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Nova Scotia Fish Movements.

June 7.—Digby—Lobsters plenty; cod fair; haddock and herring scarce. Pubnico—Cod fair.

Port La Tour—No boats out; 100 bbls. mackerel in trap West Baccaro. Liverpool—Cod and haddock plenty; salmon fair; mackerel reported schooling off this port; American seiner, Priscilla Smith reports about 350 bbls. mackerel iced; reported Speculator gone home full fare.

Lunenburg—Cod fair; boats average 300 large mackerel in nets.

Musquodoboit—Cod and lobsters fair.

Salmon River—Lobsters, mackerel, salmon and trout fair.

Isaac's Harbor—Lobsters fair; few cod, herring and mackerel reported.

Queensport—40 mackerel reported by one boat this morning; cod and lobsters and bait scarce.

Port Malcom—Boats report two and three mackerel each.

West Arichat—Haddock fair; some boats 40 mackerel.

Arichat—Haddock fair.

Petit-de-Grat—Mackerel fair.

Gabarus—Lobsters fair; about 6000 mackerel taken today.

Whitehead—Mackerel reported plentiful.

Canso—Cod, lobsters and mackerel reported schooling off this port.

Louisburg—Lobsters and mackerel fair; herring scarce.

Portland Fish Notes.

Capt. N. J. Hanna, the fish warden, in his motor boat Carmelita is making life miserable for the short lobster fishermen along the coast. He came in yesterday to make some repairs to his engine, but will start out again today on the warpath. On this cruise he made a seizure of 309 shorts at Elm Island and liberated them, but failed to trap the owner, but in the vicinity of the island he found 71 more and also caught the owner. Made calls last week at Potter Point, Stage Island, Great Chebeague, Long, Orr's and Bailey's Islands, but found nothing out of the way. On Monday found 80 shorts at Long Island and liberated them. On Tuesday made friendly calls at Rams, Cushing and Peaks Islands, Gurry Cove and the Two Lights, finding 50 shorts in a blind trap at the latter point, with no one claiming them.

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CAPE NORTH SHACKER HOME.

Sch. Thomas S. Gorton Brings Fare of Fresh and Salt Cod.

The feature of the fish receipts at this port today is the arrival of the first of the Cape North salt and fresh shacking fleet, sch. Thomas S. Gorton Capt. William H. Thomas, with a big fare, 110,000 pounds of fresh cod and 60,000 pounds of salt cod. The Gorton was the last of the fleet to sail and the first to arrive home.

Capt. Thomas reports that all the fleet did practically nothing on its first baiting, not averaging 20 tubs to a vessel. On the second baiting, most of them did pretty well off Scatteri, the ice having gone and left the ground clear for the fishermen. Capt. Thomas says, schs. Raymah and Elmer E. Gray had 90,000 pounds each of salt cod, some time ago and sch. Lillian looked as though she had done pretty well.

Sch. Helen B. Thomas, Elizabeth W. Nunan and Leo are at this port from Boston with fares of hake and cusk for the splitters, and some of the gasoline pollockers landed small catches yesterday afternoon. Sch. Lillian is here from Southwest Harbor, Me., with a fare of cured fish, the first cargo of this kind to arrive here for some time.

The fares in detail are as follows:

Today's Receipts.

Sch. Thomas S. Gorton, Scatteri, 110,000 lbs. fresh cod, 60,000 lbs. salt cod.

Sch. Helen B. Thomas via Boston, 70,000 lbs. fresh fish.

Sch. Leo, via Boston, 30,000 lbs. fresh fish.

Sch. Elizabeth W. Nunan, via Boston, 30,000 lbs. fresh fish.

Sch. Lillian, Southwest Harbor, Me., 800 quintals cured fish.

Steamer Independence II, shore, 6000 lbs. pollock.

Steamer Bryda F., shore, 6000 lbs. pollock.

Steamer Herbert and Emma, shore 1500 lbs. pollock.

Steamer No Name, shore 3500 lbs. pollock.

Vessels Sailed.

Sch. Pauline, Rips.

Today's Fish Market.

Salt Georges cod, large, \$3.50 per cwt.; medium do., \$3; snapper do., \$1.75.

Bank halibut, 5 cents per lb. right through.

Salt pollock, \$1 per cwt.; salt haddock, \$1; salt hake, \$1.

Large handline Georges cod, \$3.62 1-2 per cwt.; medium do., \$3.12 1-2.

Large drift Georges cod, \$3.30 per cwt.; medium do., \$3.

Large "halibut" cod, \$3 per cwt.; medium do., \$2.75; snappers, \$1.75.

Splitting prices for fresh fish, Western cod, large, \$1.85 per cwt.; medium do., \$1.40; Eastern cod, large, \$1.55; medium do., \$1.30; cusk, \$1.50; for large, \$1.10 for medium and 50c for snappers; haddock, 60c; hake, 60c.

Trawl bank cod, large, \$2.75 per cwt.; medium, \$2.50; snappers, \$1.50.

Salt cusk, large, \$2.50 per cwt.; medium, \$2; snappers, \$1.

Round pollock, 50c per cwt.

Outside sales of drift salt cod, \$3.30 for large, \$2.90 for mediums.

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The Flounder Industry.

The flounder industry promises splendidly along the Massachusetts coast, and, indeed, all the way from Martha's Vineyard to Kittery, Me. The United States fish commissioners have planted 300,000,000 flounders in these waters this season. This is only a starter. The commission is getting ready to plant lobsters by the millions off the New England coast. It is their desire to have the waters of the North Atlantic swarming with this toothsome species.

Record Haul of Pollock.

The gasoline launch Independence II, Capt. F. Hodgkins, made a big haul in Ipswich bay Tuesday, getting one school of 36,000 pounds of pollock in one set. The craft was full from end to end and landed at night at the Gloucester Salt Fish Company. This is said to be the largest single pollock haul ever made by one of the small shore gasoline fishing crafts.